



Indiana State Department of Health

WEEKLY INFLUENZA REPORT

Report Date: Thursday, April 2, 2015

The following report is meant to provide local health departments, hospital administrators, health professionals and residents with a general understanding of the burden of influenza-like illness (ILI). Data from several surveillance programs were utilized to produce this report and all information is provisional. **Data may change as information is received, reviewed and verified. The purpose of this report is to report in a timely manner what is occurring or has recently occurred.** For further information about the data presented in this report, please call the ISDH Surveillance and Investigation Division at 317-233-7125.

Data Summary for Week Ending March 28, 2015 (Week 12)	
Percent of ILI reported by emergency department surveillance system	1.49%
Percent of ILI reported by sentinel surveillance system	0.96 %
Number of specimens submitted for influenza testing at ISDH Laboratory	17
Percent of positive influenza specimens tested at ISDH Laboratory	58.82%
Number of influenza-associated deaths reported for 2014-2015 season	139
Number of Indiana schools (K-12) with absenteeism rate 20% or higher	0

Sentinel reported influenza-like illness by sentinel type and reporting week with number of reporting sites – Indiana, 2014-2015 season.*

Reporting Week	All Reporters %ILI (n)	Universities %ILI (n)	Non-Universities %ILI (n)
Week 12	0.96 (31)	1.33 (12)	0.79 (19)
Week 11	1.67 (36)	1.40 (12)	1.75 (24)
Week 10	2.08 (34)	1.70 (13)	2.22 (21)

**Data obtained from the ISDH Sentinel Influenza Surveillance System. This data is subject to change as sentinel sites can back-date their weekly reports.*

Sentinel reported influenza-like illness (ILI) by age category for Week 12 – Indiana, 2014-2015.

Age category (yrs)	Total number with ILI	Percent with ILI
0–4	2	2.70
5 –24	44	59.46
25–49	15	20.27
50–64	10	13.51
65+	3	4.05
Total	74	100%

**Data obtained from the ISDH Sentinel Influenza Surveillance System.*

**Sentinel data has limited timeliness, so the data reported is for the week before the most current week. This data is subject to change as sentinel sites can back-date their weekly reports.*

Number of 2014-2015 reported deaths associated with laboratory confirmed influenza, by age category – Indiana, 2014-2015

Age category (yrs)	Data since last report*	Season Total
0-4	0	1
5-18	0	0
19-24	0	1
25-49	0	3
50-64	0	14
65+	1	120
Unknown	0	0
Total	1	139

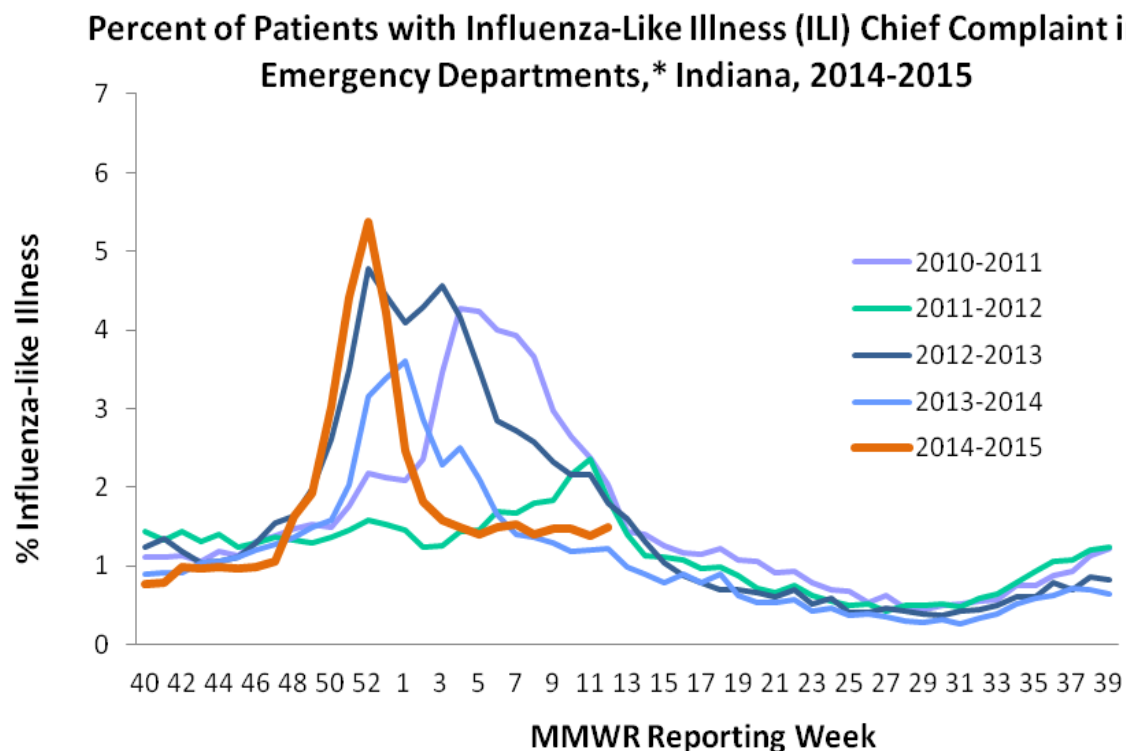
**The number of influenza-associated deaths that have been reported to ISDH since the time of the previous weekly report date.*

Counties with Total 5 or More Influenza-Associated Deaths, Indiana 2014-2015 Season

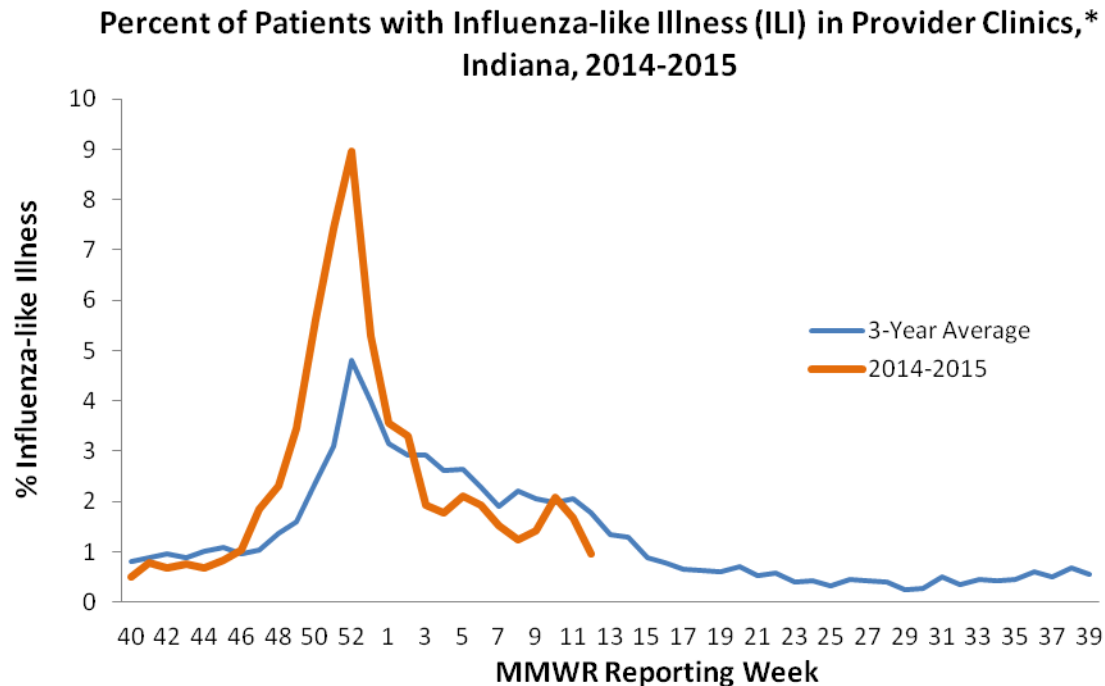
Allen (11)	Lake (13)
Hamilton (7)	St. Joseph (9)
Kosciusko (6)	Tippecanoe (7)
Marion (19)	Hendricks (7)
Boone (5)	

Sentinel and ED influenza-like illness percentages by reporting week – Indiana, 2014-2015.

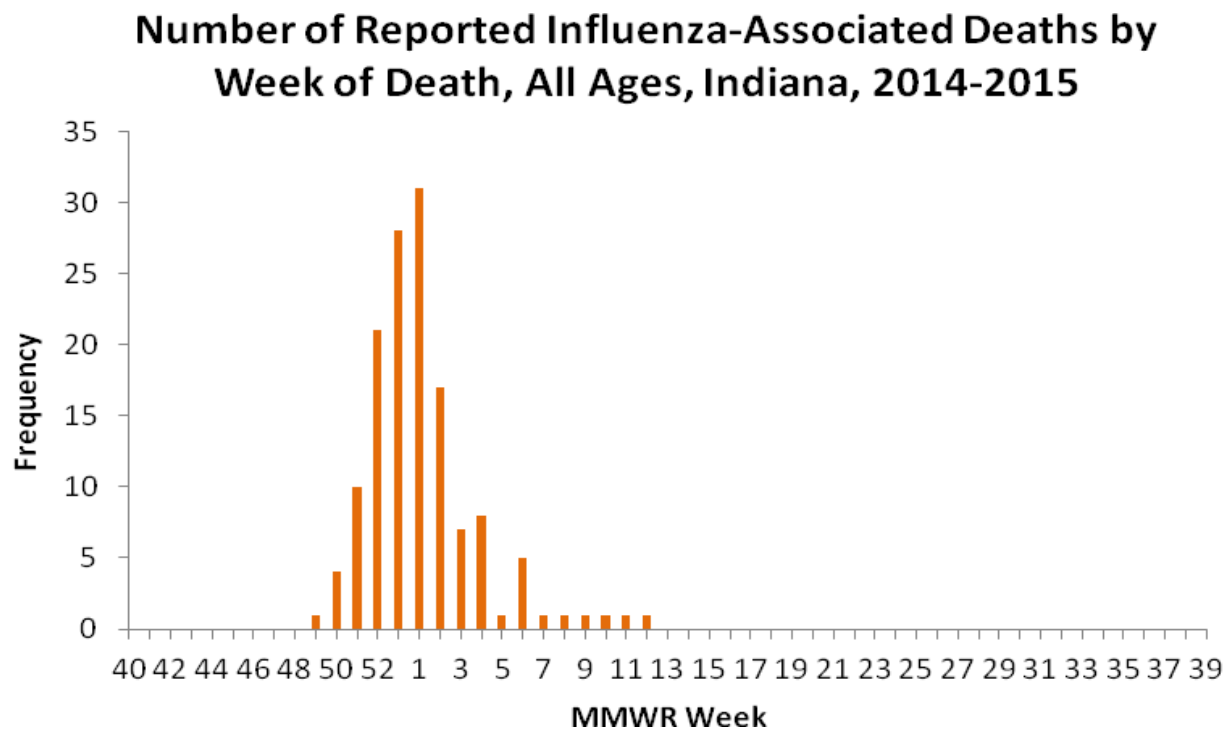
Reporting Week	ED Surveillance %ILI	Sentinel Surveillance %ILI
Week 12	1.49	0.96
Week 11	1.38	1.67
Week 10	1.48	2.08



**Data obtained from the Indiana Public Health Emergency Surveillance System.*



**Data obtained from the ISDH Sentinel Influenza Surveillance System.
Number of sites reporting for Week 12 = 31*



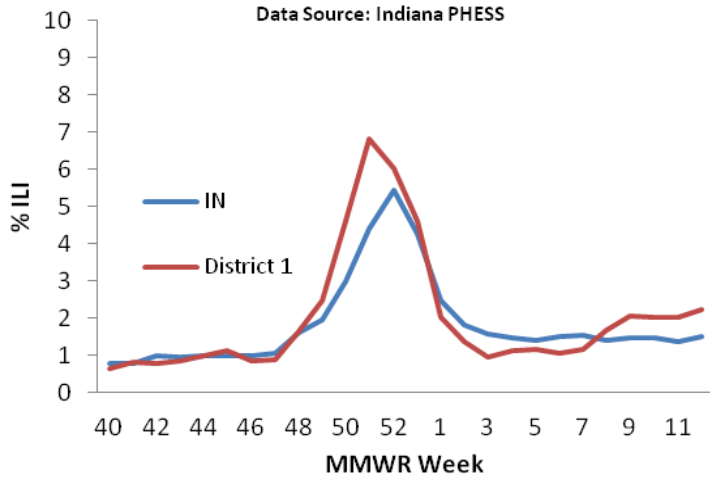
**Data obtained from INEDSS and depicted using the week of death.*

***Data are subject to change as more information becomes available.*

Number of influenza-associated deaths reported as of 4/2/2015 = 139

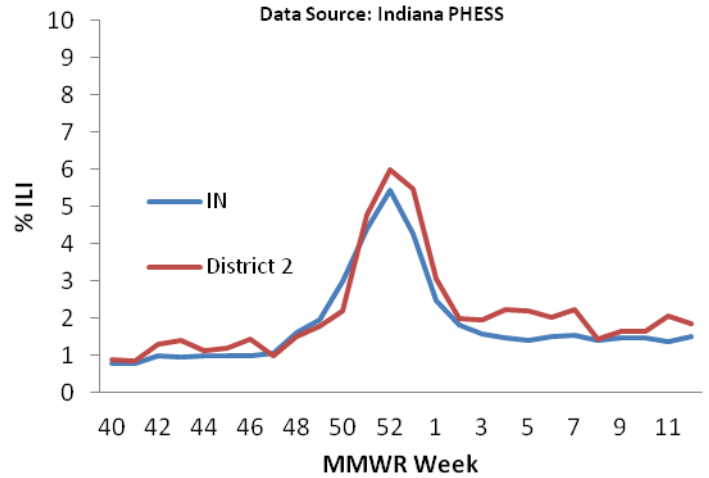
Percent of Influenza-like Illness Chief Complaints in
Emergency Departments, Indiana, 2014-2015

Data Source: Indiana PHESS



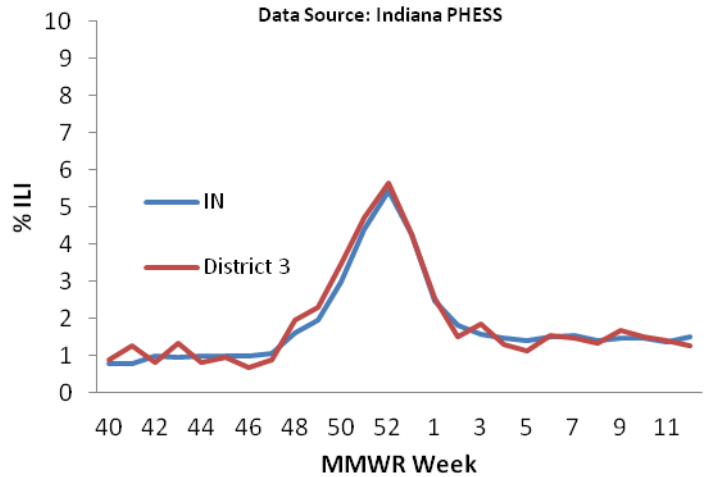
Percent of Influenza-like Illness Chief Complaints in
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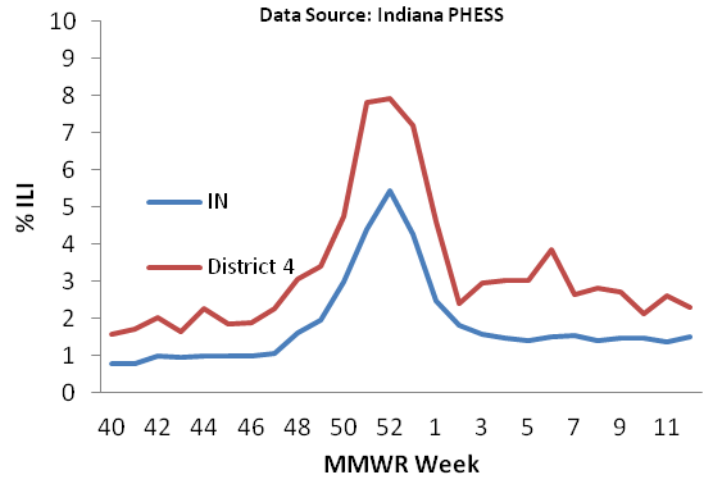
Percent of Influenza-like Illness Chief Complaints in
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Data Source: Indiana PHESS



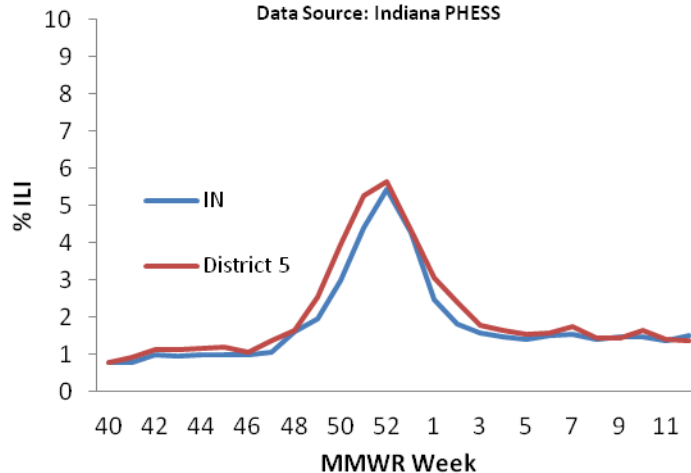
Percent of Influenza-like Illness Chief Complaints in
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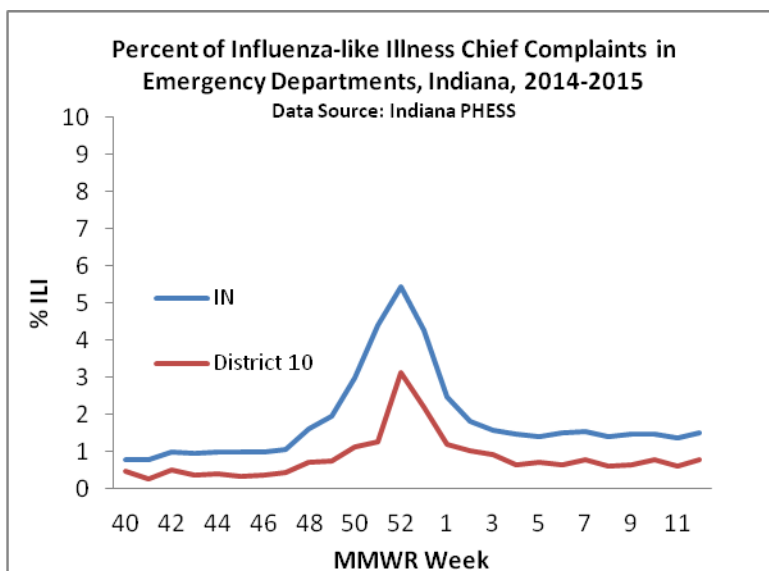
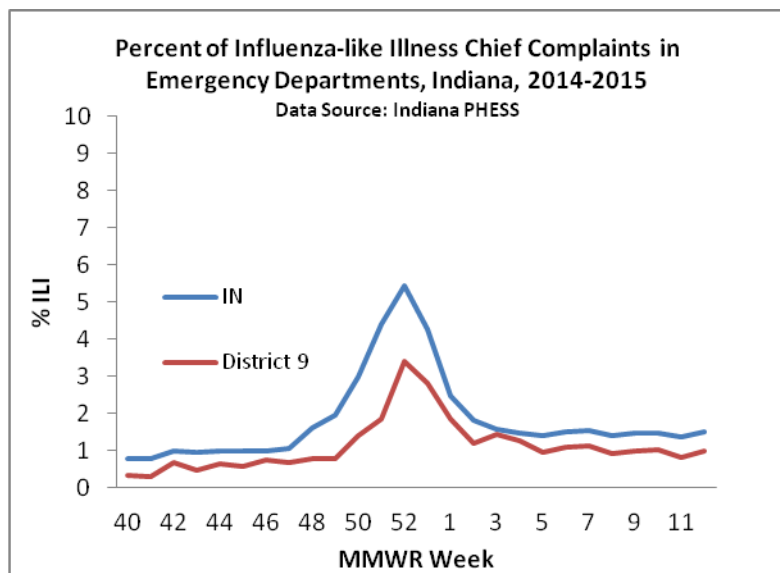
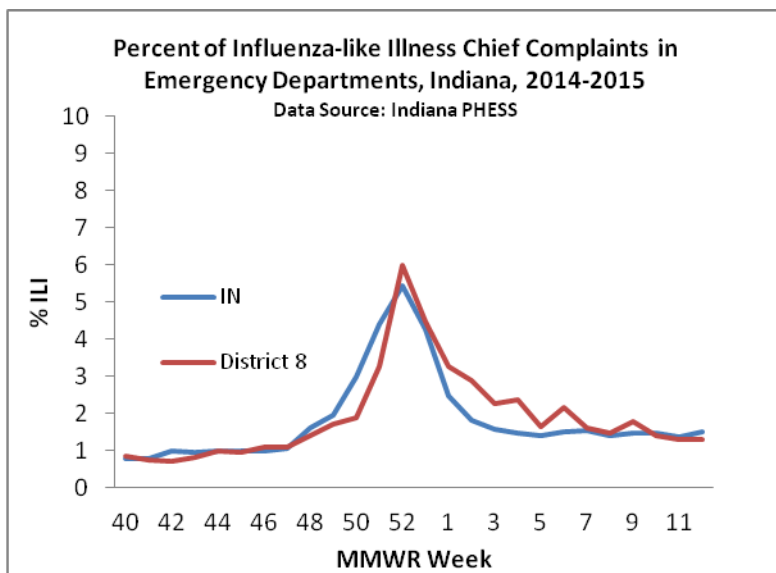
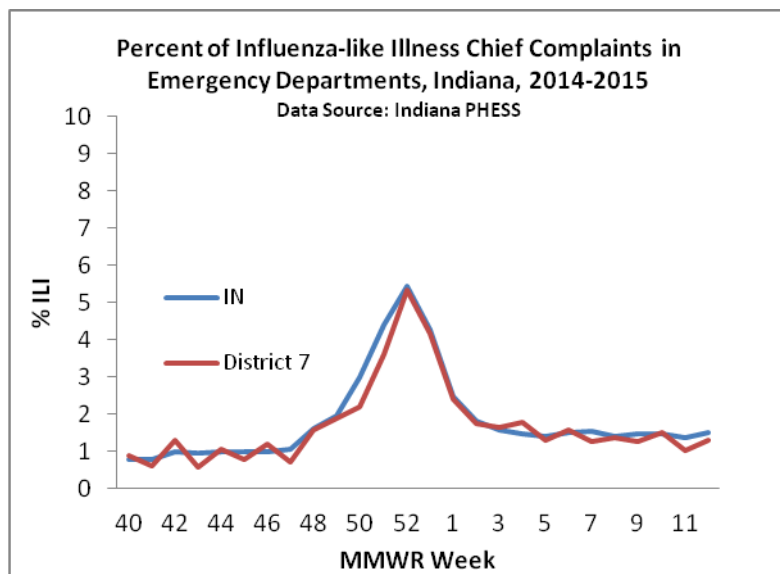
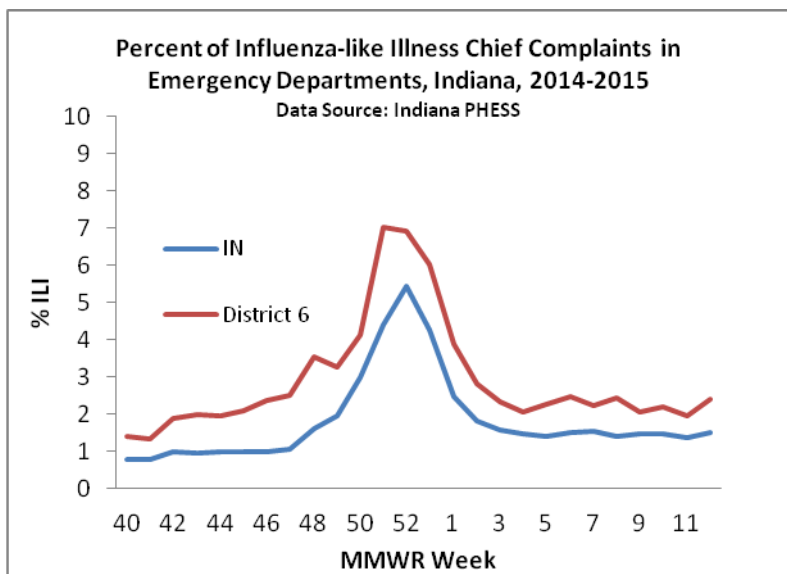
Data Source: Indiana PHESS



Percent of Influenza-like Illness Chief Complaints in
Emergency Departments, Indiana, 2014-2015

Data Source: Indiana PHESS





ISDH Laboratory data regarding circulating influenza viruses – Indiana, 2014-2015 influenza season.*

PCR Result	Week 12 total		Season total	
	Number	Percent of specimens received	Number	Percent of specimens received
2009 A/H1N1pdm virus	0	0%	1	<1%
Influenza A/H3 seasonal virus	2	11.8%	479	58.2%
Influenza A/H1 seasonal virus	0	0%	0	0%
Influenza B seasonal virus	8	47.1%	53	6.4%
Influenza negative	7	41.1%	253	30.7%
Inconclusive	0	0%	0	0%
Unsatisfactory specimen†	0	0%	37	4.5%
Influenza Co-infection ^Δ	0	0%	0	0%
Total	17	100%	823	100%

^Δ All previous-year co-infections have been influenza A/H3 and influenza B.

*Data obtained from the ISDH Laboratory via specimens submitted from the ISDH Sentinel Influenza Surveillance System and IN Sentinel Laboratories.

†Unsatisfactory specimens include specimens that leaked in transit, were too long in transit, or were inappropriately labeled

OTHER CIRCULATING VIRUSES RECENTLY IDENTIFIED BY THE ISDH LABORATORY:

Other Respiratory Viruses	Week 12	Season Total (Since Oct. 1, 2014)	Early Surveillance (Sept 1-30, 2014)
Adenovirus	0	19	0
Coronavirus 229E	0	0	0
Coronavirus HKU1	0	0	0
Coronavirus NL63	0	0	0
Coronavirus OC43	0	1	0
Enterovirus NOS	0	10	0
Enterovirus/Rhinovirus	0	15	188 ¹
Human Metapneumovirus	0	0	0
Parainfluenza 1 Virus	0	5	0
Parainfluenza 2 Virus	0	19	0
Parainfluenza 3 Virus	1	13	0
Parainfluenza 4 Virus	0	0	0
Rhinovirus	0	0	0
Respiratory Syncytial Virus	1	15	0
Total	2	97	188

¹Some specimens were tested outside of ISDH Laboratory

